

FIG. 1

PURIFICATION SCHEME

1. Purification Step

Plasma



Immuno Affinity Chromatography

IgG-eTTP Affi-Gel® HZ 200 ml



Elution of vWF protease with NaSCN 3M



Gelfiltration

Bio-Gel® P-6DG 200 ml



Protein G-Sepharose ® 10 ml



Eluate

FIG. 1

2. Purification Step

Pooled Eluate from Step 1



Immuno Affinity Chromatography

Therasorb® 50 ml



Dilution



Anion Exchange Chromatography

High Q Support® 5 ml



Affinity Chromatography

Lentil Lectin-Sepharose® 25 ml



Elution of vWF Protease with Methyl- α -D-Mannopyranoside 0.3M

FIG. 1

3. Purification Step

Pooled Eluate from Step 2



Affinity Chromatography

Heparin-Sepharose 5ml

Dialysis

Anion Exchange Chromatography

High Q Support® 5 ml

Gel Filtration

Sephacryl ® S-300 HR 500 ml



Elution of vWF Protease with NaCl 0.5 M

FIG. 1

Optional: 4. Purification Step

Pooled Eluate from Step 3



Affinity Chromatography

Anti- α_2 -Macroglobulin-column 1ml



and/or optional



Affinity Chromatography

Anti-Clusterin column

gctgcaggcggcatcctacacctggagctgctggtggccgtgggccccatgtc
A A G G I L H L E L L V A V G P D V
ttccaggctcaccaggagcacagagcgctatgtgctaccaacctaacaatcgaaaa
F Q A H Q E D T E R Y V L T N L N I G A
gaactgcttcgggacccgtccctggggctcagttcgggtgcacctggtaagatggcat
E L L R D P S L G A Q F R V H L V K M V I
tctgacagagcctgagggtgccccaaatatacacagccaacccacacgatcgtccctgctgagc
L T E P E G A P N I T A N L T S S L L S
gtctgtgggtggagccagaccatcaaccctgaggacgacacggatcctggccatgctgac
V C G W S Q T I N P E D D T D P G H A D
ctggcctctatatcactaggttgacctggagttgctgatggtaaccggcaggtgcgg
L V L Y I T R F D L E L P D G N R Q V R
ggcgtcacccagctggccgtgcctgctcccaacctggagctgcctcattaccgaggac
G V T Q L G G A C S P T W S C L I T E D
actggcttcgacctggagtcaccatt
T G F D L G V T I

Fig. 2